

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2018 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>RD0900</b>	Overall LMA Rating	Total LMA Miles						
<b>Reclamation District No. 0900 West Sacramento</b>	<b>A</b>	<b>12.96</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.05		0.05	0.39%				
Encroachments	0.05		0.05	0.39%	0.64	0.01		
Slope Stability	0.02		0.02	0.15%				
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.21		0.21	1.62%				
DWR UCIP Field Study					0.40			
DWR UCIP LMA Responsibility								
<i>LMA Totals:</i>	0.33	0.00	0.33	2.55%	1.04	0.01	0.00	0.00
<b>Unit No. 01 Sacramento River RB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD0900</b>	<b>A</b>	<b>7.70</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.05		0.05	0.65%				
Encroachments	0.04		0.04	0.52%	0.51	0.01		
Slope Stability	0.01		0.01	0.13%				
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.21		0.21	2.73%				
DWR UCIP Field Study					0.16			
DWR UCIP LMA Responsibility								
<i>Unit Totals:</i>	0.31	0.00	0.31	4.03%	0.67	0.01	0.00	0.00
<b>Unit No. 02 Yolo Bypass LB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD0900</b>	<b>A</b>	<b>5.26</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments	0.01		0.01	0.19%	0.13			
Slope Stability	0.01		0.01	0.19%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.24			
<i>Unit Totals:</i>	0.02	0.00	0.02	0.38%	0.37	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2018 Levee Inspection Results**

**Reclamation District No. 0900 West Sacramento**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			A	

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2018 Levee Inspection Results**

**Reclamation District No. 0900 West Sacramento**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	7.70
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	3/13/2018 - 3/13/2018		10/18/2018 - 10/18/2018	
DWR Inspector	Dave Torres		Luz Dial	
Accompanied By	Chris Fogel RD 900		Tony Schwall RD 900	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD0900_01_f_2018_6				
Comment Code					
Inspector Comment					
This LMA has the updated O&M manuals for the district.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>12</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0900_01_s_2013_12				
Comment Code					
Inspector Comment					
This LMA has an adequate amount of sandbags, sand, and various flood fight supplies in their possession.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>16</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD0900_01_s_2013_16				
Comment Code					
Inspector Comment					
The crews in this LMA have taken the flood fighting training course provided by DWR.					

No Photos

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	0.00	Rating **	C	Issue No.	23
LM End	1.99	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580928 °	38.559154 °
				-121.509689 °	-121.517741 °
DWR ID	DWR_RD0900_01_s_2013_23				
Comment Code					
MA : Material					
Inspector Comment					
This section of the levee is considered high ground and was not inspected during this inspection season but will be inspected in the future inspection season. CVFPB has documentation on this issue.					

No Photos

LM Start	0.01	Rating **	M	Issue No.	344
LM End	0.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580796 °	38.580796 °
				-121.509763 °	-121.509763 °
DWR ID	17808				
Comment Code					
Inspector Comment					
FS_ID:37918 DS_ID:17808 EP_NO: 17083 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: *NOT INSTALLED* To place an 8-inch-diameter steel conduit containing fiber optic cables across and under (bored) the Sacramento River. Permit No. 17083, 2000 - AT&T Local Services. Applicant abandoned the project-pipe was not installed. FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	0.11	Rating **	M	Issue No.	345	
LM End	0.11	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.579371 °	38.579371 °	
				-121.510362 °	-121.510362 °	
DWR ID	17852					
Comment Code						
Inspector Comment						
FS_ID:37919						
DS_ID:17852						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA.						
FIELD_STRUCT_DESC: Unknown crossing near Hasletts Warehouse.						
As-built drawing available/found. [Additional Reference(s): USACE						
Sacramento O&M Manual Unit No. 116, August 1955, revised 2011,						
(River Mile 58.92), As-built drawing# 6-13-1100 page 1, January 1933]						
FS Date: 10/5/2009						

No Photos

LM Start	0.78	Rating **	M	Issue No.	346
LM End	0.78	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571716 °	38.571716 °
				-121.517344 °	-121.517344 °
DWR ID	17779				
Comment Code					
Inspector Comment					
FS_ID:37921 DS_ID:17779 EP_NO: 14732 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: *ABANDONED* 24-inch natural gas line under both levees and the Sacramento River through the levee, 25 feet below the river bed (minimum). (two existing 8-inch pipes were grouted in place and replaced with a 24-inch pipe work authorized under Permit No. 14732, 1987 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	0.86	Rating **	M	Issue No.	347
LM End	0.86	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570793 °	38.570793 °
				-121.518314 °	-121.518314 °
DWR ID	17807				
Comment Code					
Inspector Comment					
FS_ID:37922					
DS_ID:17807					
EP_NO: 2596					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA.					
FIELD_STRUCT_DESC: 24-inch reinforced concrete storm sewer outlet through the levee at an unknown depth below the crown. Flap gate on the waterside (WS) of the levee. (24-inch pipe authorized under Permit No. 2596, 1958 - Ideal Cement Company)					
FS Date: 10/5/2009					

No Photos

LM Start	0.95	Rating **	M	Issue No.	348
LM End	0.95	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569864 °	38.569864 °
				-121.519370 °	-121.519370 °
DWR ID	17804				
Comment Code					
Inspector Comment					
FS_ID:37923 DS_ID:17804 EP_NO: 2384 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 12-inch steel gas line through the levee, 3.0 ft below the levee crown. Gas line crossing sign and concrete valve pit are located on the waterside (WS) of the levee. (two 12-inch pipes authorized under Permit No. 2384, 1956 - Pacific Gas and Electric Company [PG&E]) FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	0.95	Rating **	M	Issue No.	349
LM End	0.95	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569864 °	38.569864 °
				-121.519370 °	-121.519370 °
DWR ID	17842				
Comment Code					
Inspector Comment					
FS_ID:37924 DS_ID:17842 EP_NO: 2384 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 12-inch steel gas line through the levee, 3.0 ft below the levee crown. Gas line crossing sign and concrete valve pit are located on the waterside (WS) of the levee. (two 12-inch pipes authorized under Permit No. 2384, 1956 - Pacific Gas and Electric Company [PG&E]) FS Date: 10/5/2009					

No Photos

LM Start	0.98	Rating **	M	Issue No.	350
LM End	0.98	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569548 °	38.569548 °
				-121.519738 °	-121.519738 °
DWR ID	17778				
Comment Code					
Inspector Comment					
FS_ID:37925 DS_ID:17778 EP_NO: 11727 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 6-inch drainage pipe of unknown material through the levee, 3.0 feet below the crown. Outfall pump station located on landside (LS). (6-inch pipe and 8-inch pipe authorized under Permit No. 11727 - Shell Oil Company) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>1.10</b>	Rating **	M	Issue No.	<b>351</b>
LM End	<b>1.10</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.568165°	38.568165°	
			-121.521090°	-121.521090°	
DWR ID	17806				
Comment Code					
Inspector Comment					
FS_ID:37926 DS_ID:17806 EP_NO: 14211 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 36-inch reinforced concrete drainage pipe through levee, 4 feet below the levee crown. (36-inch pipe authorized under Permit No. 14211, 1986 - Yolo County Department of Public Works) FS Date: 10/5/2009					

No Photos

LM Start	<b>1.16</b>	Rating **	M	Issue No.	<b>352</b>
LM End	<b>1.16</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.567401°	38.567401°	
			-121.521748°	-121.521748°	
DWR ID	17777				
Comment Code					
Inspector Comment					
FS_ID:37927 DS_ID:17777 EP_NO: 3397 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 8-inch pipeline through the levee, 1.5 feet below the crown. Blowoff pipeline, well and pump plant on the landside (LS). (8-inch pipe and 14-inch diameter well authorized under Permit No. 3397, Washington Water & Light Company, [HLM 1.34], p. 26 of 28) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	1.46	Rating **	M	Issue No.	353	
LM End	1.46	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.563274 °		38.563274 °
				-121.521419 °		-121.521419 °
DWR ID	17776					
Comment Code						
Inspector Comment						
FS_ID:37932						
DS_ID:17776						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA.						
FIELD_STRUCT_DESC: 18-inch vitrified clay sewage effluent pipe through the levee, 5 feet below the crown, outfall line from West Sacramento Sewage Plant. (18-inch pipe authorized under Permit No. 1425, 1949 - West Sacramento Sanitary District; manhole for 18-inch outfall referenced in Permit No. 7009, 1971 - West Sacramento Sanitary District). [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

No Photos

LM Start	1.46	Rating **	M	Issue No.	354
LM End	1.46	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563273 °	38.563273 °
				-121.521418 °	-121.521418 °
DWR ID	17843				
Comment Code					
Inspector Comment					
FS_ID:37931 DS_ID:17843 EP_NO: 7009 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 36-inch mortar lined and coated steel pipe/30-inch mortar lined and coated steel sewer outfall pipeline through the levee, 5 feet below the levee crown. (36-inch pipe authorized under Permit No. 7009, 1970 - West Sacramento Sanitary District). Pipe is approximately 5 ft. below the crown. [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	1.48	Rating **	M	Issue No.	355	
LM End	1.48	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.563012 °	38.563012 °	
				-121.521250 °	-121.521250 °	
DWR ID	17805					
Comment Code						
Inspector Comment						
FS_ID:37930						
DS_ID:17805						
EP_NO: 17822						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA.						
FIELD_STRUCT_DESC: *REMOVED* Temporary outfall structure and 12-inch HDPE dewatering pipe through the levee at an unknown depth below the levee crown. (temporary outfall structure and 12-inch HDPE dewatering pipe across crown and (trenched) down waterside slope of the right (west) bank levee of the Sacramento River authorized under Permit No. 17822, 2004 - Sacramento Regional County Sanitation District, assumed temporary structure and dewatering pipe removed in 2006)						
FS Date: 10/5/2009						

No Photos

LM Start	2.05	Rating **	A/W	Issue No.	36
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.557865 °	38.557865 °
				-121.518175 °	-121.518175 °
DWR ID	DWR_RD0900_01_s_2018_36				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
LMA repaired slope damage, but vehicles continue to access river.					

Photo 1 of 1 : FA\_2018\_RD0900\_230\_36\_20181022\_00021.jpg



View of slope damage from vehicular traffic. Fall 2018

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	2.13	Rating **	A/W	Issue No.	31
LM End	7.75	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.556882 °	38.503935 °
				-121.517382 °	-121.559593 °
DWR ID	DWR_RD0900_01_f_2018_31				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Levee miles 2.13- 7.75 are under construction and were not inspected.					

No Photos

LM Start	2.15	Rating **	M	Issue No.	356
LM End	2.15	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.556994 °	38.556994 °
				-121.516843 °	-121.516843 °
DWR ID	17772				
Comment Code					
Inspector Comment					
FS_ID:37665					
DS_ID:17772					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.					
FIELD_STRUCT_DESC: 42-inch drainage pipe of unknown material through the levee, 21.5 feet below the levee crown. Slide gate in concrete riser on the waterside (WS) slope. Flap gate on the WS end.					
[Additional Reference(s): DWR Levee Log, 2003]					
FS Date: 10/6/2009					

Photo 1 of 3 : UCIP\_FA\_2018\_37665\_68376.jpg



View of levee crown at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	2.15	Rating **	M	Issue No.	356 (cont)	
LM End	2.15	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.556994 °	38.556994 °	
				-121.516843 °	-121.516843 °	
DWR ID	17772					
Comment Code						
Inspector Comment						
FS_ID:37665 DS_ID:17772 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 42-inch drainage pipe of unknown material through the levee, 21.5 feet below the levee crown. Slide gate in concrete riser on the waterside (WS) slope. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/6/2009						

LM Start	<b>2.15</b>	Rating **	M	Issue No.	<b>356 (cont)</b>
LM End	<b>2.15</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_37665\_68375.jpg



Air vent visible through dense vegetation.

Photo 3 of 3 : UCIP\_FA\_2018\_37665\_68374.jpg



Dense vegetation along landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	2.26	Rating **	A/W	Issue No.	17
LM End	3.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.555304 °	38.536946 °
				-121.516127 °	-121.519774 °
DWR ID	DWR_RD0900_01_s_2012_17				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 1 : FA\_2018\_RD0900\_230\_17\_20180910\_00005.jpg



View of the DWR environmental mitigation site.

LM Start	2.28	Rating **	M	Issue No.	21
LM End	2.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.555026 °	38.555026 °
				-121.516135 °	-121.516135 °
DWR ID	DWR_RD0900_01_s_2012_21				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	2.35	Rating **	M	Issue No.	30
LM End	2.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.554277 °	38.552504 °
				-121.515263 °	-121.514752 °
DWR ID	DWR_RD0900_01_f_2018_30				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 56.7 R					
Status: Eroding					
2017 Field Notes: Fresh toe erosion. New rock placed.					
Site History: 2007 - Have good berm width with minor toe erosion.					
Close to the levee toe protection, but levee slope is steep. 2011 - New large erosion pocket. 2012 - Minor new erosion at the toe.					

Photo 1 of 1 : FA\_2018\_RD0900\_230\_30\_20181023\_00024.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	2.55	Rating **	M	Issue No.	29
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.551319 °	38.550090 °
				-121.514423 °	-121.513983 °
DWR ID	DWR RD0900 01 f 2018 29				

**Comment Code**

**Inspector Comment**

2017 Site ID: SAC 56.5 R  
Status: Eroding  
2017 Field Notes: Fresh toe erosion.  
Site History: 1997 - Low berm is contributing to erosion. Old timber pile dikes above water parallel to bank. The upstream mitigation low berm causes a flow separation at the site. 1999 - Some new localized erosion with less than one foot of bank retreat. 2000 - Some new erosion at the upstream end. Fat toe deposits at toe. 2003 - Some new erosion upstream, but have a wide berm. 2011 - Minor new erosion at toe.

Photo 1 of 1 : FA\_2018\_RD0900\_230\_29\_20181023\_00023.jpg



USACE 2013 Photo #1

LM Start	2.57	Rating **	A/W	Issue No.	57
LM End	2.57	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.550965 °	38.550965 °
				-121.514795 °	-121.514795 °
DWR ID	DWR RD0900 01 f 2017 57				

**Comment Code**

E1 : Note and monitor erosion site.

**Inspector Comment**

The contractor (AECOM) is constructing the setback levee, and they cut down the trees in this area. They are planning on putting some riprap on this erosion site soon.

Photo 1 of 2 : FA\_2018\_RD0900\_230\_57\_20180910\_00009.jpg



View of the existing erosion site on the waterside berm of the levee. Fall 2017

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	2.57	Rating **	A/W	Issue No.	57 (cont)	
LM End	2.57	Issue Type +	Ob	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Erosion / Bank Caving			38.550965 °	38.550965 °	
				-121.514795 °	-121.514795 °	
DWR ID	DWR_RD0900_01_f_2017_57					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
The contractor (AECOM) is constructing the setback levee, and they cut down the trees in this area. They are planning on putting some riprap on this erosion site soon.						

Photo 2 of 2 : FA\_2018\_RD0900\_230\_57\_20180910\_00010.jpg



The contractor is planning on placing riprap in this area. This picture was taken from the waterside berm of the levee looking upstream. Fall 2017

LM Start	3.27	Rating **	A/W	Issue No.	28
LM End	3.48	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.541246 °	38.538689 °
				-121.513561 °	-121.515916 °
DWR ID	DWR_RD0900_01_f _ 2018_28				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 55.7 R					
Status: Critical					
2017 Field Notes: Fresh toe erosion. Site upgraded to critical. A setback levee is under construction behind this site.					
Site History: 2008 - Erosion into levee toe. Over steepened levee slope, worst at the upstream end. 2009 - Near vertical banks from rotational slumping, hidden by vegetation. 2010 - Boat sinking more, may be causing eddy scour around it. Difficult to see the vertical slumps due to dense vegetation. 2011 - Minor new erosion at the toe. The paddleboat that was sitting at this site for years has been removed. 2012 - Site extended upstream due to additional erosion. 2016 - New rock on slope at upstream end.					

Photo 1 of 1 : FA\_2018\_RD0900\_230\_28\_20181023\_00022.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>3.32</b>	Rating **	M	Issue No.	<b>357</b>
LM End	<b>3.32</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.540803 °	38.540803 °	
			-121.514255 °	-121.514255 °	
DWR ID	17769				

**Comment Code**

**Inspector Comment**

FS\_ID:37668

DS\_ID:17769

EP\_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD\_STRUCT\_DESC: 24-inch pipe through the levee, 22.0 feet below the crown. Pump house at the landside (LS) toe. Screw gate in LS of the levee. Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 55.65), As-built drawing# 6-13-1100 page 3, January 1933] FS Date: 10/6/2009

LM Start	<b>3.32</b>	Rating **	M	Issue No.	<b>357 (cont)</b>
LM End	<b>3.32</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_37668\_68391.jpg



View of concrete structure located on landward side.

Photo 2 of 3 : UCIP\_FA\_2018\_37668\_68390.jpg



Pump house located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>3.32</b>	Rating **	M	Issue No.	<b>357 (cont)</b>
LM End	<b>3.32</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.540803 °	38.540803 °	
			-121.514255 °	-121.514255 °	
DWR ID	17769				

**Comment Code**

**Inspector Comment**

FS\_ID:37668  
DS\_ID:17769  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD\_STRUCT\_DESC: 24-inch pipe through the levee, 22.0 feet below the crown. Pump house at the landside (LS) toe. Screw gate in LS of the levee. Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 55.65), As-built drawing# 6-13-1100 page 3, January 1933] FS Date: 10/6/2009

Photo 3 of 3 : UCIP\_FA\_2018\_37668\_68389.jpg



Pipe visible on waterward side visible through dense vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	3.41	Rating **	M	Issue No.	4
LM End	3.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.539770 °	38.539770 °
				-121.515276 °	-121.515276 °
DWR ID	DWR_RD0900_01_s_2014_4				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : FA\_2018\_RD0900\_230\_4\_20180910\_00001.jpg



Updated picture of the slope instability on the waterside of the levee looking downstream during spring 2016 inspection.

LM Start	<b>3.41</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>3.41</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2018\_RD0900\_230\_4\_20180910\_00002.jpg



A slope instability was found on the waterside slope of the levee looking downstream.

LM Start	4.04	Rating **	M	Issue No.	327
LM End	4.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.534759 °	38.534759 °
				-121.524902 °	-121.524902 °
DWR ID	DWR_RD0900_01_s_2012_327				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : FA\_2018\_RD0900\_230\_327\_20180910\_00012.jpg



Concrete debris were found on the landside of the levee looking upstream.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	4.10	Rating **	M	Issue No.	54
LM End	4.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.534364 °	38.534364 °
				-121.526051 °	-121.526051 °
DWR ID	DWR_RD0900_01_s_2012_54				
Comment Code					
DE : Debris					
Inspector Comment					
Concrete debris with metal posing a safety risk.					

Photo 1 of 1 : FA\_2018\_RD0900\_230\_54\_20180910\_00008.jpg



View of concrete debris with metal looking upstream.

LM Start	4.26	Rating **	U	Issue No.	20
LM End	4.26	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.533274 °	38.533274 °
				-121.528628 °	-121.528628 °
DWR ID	DWR_RD0900_01_s_2012_20				
Comment Code					
BU : Building					
Inspector Comment					
Miscellaneous unpermitted encroachments at the Sherwood Harbor. An encroachment permit application is being reviewed by RD900.					

Photo 1 of 1 : FA\_2018\_RD0900\_230\_20\_20180910\_00006.jpg



View of Sherwood harbor's unpermitted properties on the waterside of the levee. The picture was taken from the crown looking upstream.

LM Start	4.75	Rating **	M	Issue No.	47
LM End	4.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.527253 °	38.527253 °
				-121.531783 °	-121.531783 °
DWR ID	DWR_RD0900_01_s_2012_47				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>4.80</b>	Rating **	M	Issue No.	<b>48</b>
LM End	<b>4.99</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.526684 °	38.524505 °	
			-121.531221 °	-121.529316 °	
DWR ID	DWR_RD0900_01_s_2012_48				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	<b>4.95</b>	Rating **	M	Issue No.	<b>330</b>
LM End	<b>4.95</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.524898 °	38.524898 °	
			-121.529674 °	-121.529674 °	
DWR ID	DWR_RD0900_01_s_2012_330				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : FA\_2018\_RD0900\_230\_330\_20180910\_00013.jpg



Concrete anchor was found on the waterside slope of the levee looking upstream.

LM Start	<b>5.02</b>	Rating **	M	Issue No.	<b>49</b>
LM End	<b>5.23</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.524116 °	38.522004 °	
			-121.528883 °	-121.526141 °	
DWR ID	DWR_RD0900_01_s_2012_49				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>5.26</b>	Rating **	M	Issue No.	<b>50</b>
LM End	<b>5.33</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.521633 °	38.520659 °	
			-121.525884 °	-121.525474 °	
DWR ID	DWR_RD0900_01_s _ 2012_50				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	<b>5.37</b>	Rating **	M	Issue No.	<b>51</b>
LM End	<b>5.37</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.520097 °	38.520097 °	
			-121.525637 °	-121.525637 °	
DWR ID	DWR_RD0900_01_s _ 2012_51				
Comment Code					
PO : Pole					
Inspector Comment					
2 poles on the landward shoulder.					

No Photos

LM Start	<b>5.39</b>	Rating **	M	Issue No.	<b>334</b>
LM End	<b>5.39</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.520022 °	38.520022 °	
			-121.525898 °	-121.525898 °	
DWR ID	DWR_RD0900_01_s _ 2012_334				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	7.00	Rating **	M	Issue No.	24
LM End	7.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.513834 °	38.513556 °
				-121.554017 °	-121.554283 °
DWR ID	DWR_RD0900_01_s_2018_24				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2018\_RD0900\_230\_24\_20180910\_00007.jpg



Vegetation waterside looking north.

LM Start	7.10	Rating **	M	Issue No.	343
LM End	7.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512642 °	38.512642 °
				-121.554881 °	-121.554881 °
DWR ID	DWR_RD0900_01_s_2012_343				
Comment Code					
DE : Debris					
Inspector Comment					
Concrete debris from old railroad track.					

Photo 1 of 1 : FA\_2018\_RD0900\_230\_343\_20180910\_00014.jpg



Concrete debris from old rail road track was found on the landside of the levee looking upstream.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>7.10</b>	Rating **	M	Issue No.	<b>358</b>
LM End	<b>7.10</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.512546°	38.512546°	
			-121.554843°	-121.554843°	
DWR ID	17801				
Comment Code					
Inspector Comment					
FS_ID:39786 DS_ID:17801 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 REDO---Additional crossing found during desk study after field visit. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 8-inch pipe of unknown purpose through the levee crown at an unknown depth. Gate valve located on the waterside (WS) of the levee. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 52.00), As-built drawing# 6-13-1100 page 4, January 1933] FS Date: 10/6/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>7.27</b>	Rating **	M	Issue No.	<b>359</b>
LM End	<b>7.27</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.510264 °	38.510264 °	
			-121.556093 °	-121.556093 °	
DWR ID	17800				
Comment Code					
Inspector Comment					
<p>FS_ID:39787  DS_ID:17800  EP_NO: N/A  Repair Type: Non-Urgent  Crossing Status: Not Found  UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 REDO---Additional crossing found during desk study after field visit.  FIELD_STRUCT_DESC: Two 1/2-inch domestic water supply pipe through the levee at an unknown depth below the crown. [Additional Reference(s): USACE Sacramento O&amp;M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 51.82), As-built drawing# 6-13-1100 page 4, January 1933]  FS Date: 10/6/2009</p>					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>7.27</b>	Rating **	M	Issue No.	<b>360</b>
LM End	<b>7.27</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.510264 °	38.510264 °
				-121.556093 °	-121.556093 °
DWR ID	17851				
Comment Code					
Inspector Comment					
<p>FS_ID:39788  DS_ID:17851  EP_NO: N/A  Repair Type: Non-Urgent  Crossing Status: Not Found  UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-built PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 REDO---Additional crossing found during desk study after field visit.  FIELD_STRUCT_DESC: Two 0.5-inch domestic water supply pipe through the levee at an unknown depth below the crown. [Additional Reference(s): USACE Sacramento O&amp;M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 51.82), As-built drawing# 6-13-1100 page 4, January 1933]  FS Date: 10/6/2009</p>					

No Photos

LM Start	<b>7.47</b>	Rating **	M	Issue No.	<b>59</b>
LM End	<b>7.47</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.507648 °	38.507648 °
				-121.557571 °	-121.557571 °
DWR ID	DWR_RD0900_01_f_2012_59				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arrundo growth on the waterside slope of the levee.					

Photo 1 of 1 : FA\_2018\_RD0900\_230\_59\_20180910\_00011.jpg



View of the arundo on the waterside of the levee during spring 2017 inspection.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/18/2018 10/18/2018	Luz Dial

LM Start	7.78	Rating **	M	Issue No.	15
LM End	7.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.503490°	38.503490°
				-121.559770°	-121.559770°
DWR ID	DWR_RD0900_01_f_2013_15				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arrundo on the waterside					

Photo 1 of 2 : FA\_2018\_RD0900\_230\_15\_20180910\_00003.jpg



Updated picture of the arundo on the waterside of the levee during spring 2016 inspection.

LM Start	<b>7.78</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>7.78</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2018\_RD0900\_230\_15\_20180910\_00004.jpg



View of arundo on the waterside of the levee looking downstream.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2018 Levee Inspection Results**

**Reclamation District No. 0900 West Sacramento**

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	5.26
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/13/2018 - 4/12/2018		10/18/2018 - 10/18/2018	
DWR Inspector	Dave Torres		Luz Dial	
Accompanied By	Chris Fogel RD 900		Tony Schwall RD 900	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	0.36	Rating **	A	Issue No.	41
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.578841 °	38.578841 °
				-121.572321 °	-121.572321 °
DWR ID	DWR_RD0900_02_f_2018_41				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained.					

Photo 1 of 1 : FA\_2018\_RD0900\_231\_41\_20181022\_00050.jpg



View of waterside vegetation. Fall 2018

LM Start	0.36	Rating **	A	Issue No.	42
LM End	0.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.578841 °	38.578841 °
				-121.572321 °	-121.572321 °
DWR ID	DWR_RD0900_02_f_2018_42				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained.					

Photo 1 of 1 : FA\_2018\_RD0900\_231\_42\_20181022\_00051.jpg



View of landside vegetation. Fall 2018

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	0.87	Rating **	M	Issue No.	46	
LM End	0.87	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.574732 °	38.574732 °	
				-121.580124 °	-121.580124 °	
DWR ID	17862					
Comment Code						
Inspector Comment						
FS_ID:41825						
DS_ID:17862						
EP_NO: 2444						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.						
FIELD_STRUCT_DESC: 16-inch high pressure steel gas line through the levee, 3.0 feet below the levee crown. (16-inch pipe authorized under Permit No. 2444, 1956 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

LM Start	<b>0.87</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>0.87</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_41825\_72725.jpg



View of levee crown near marker.

Photo 2 of 3 : UCIP\_FA\_2018\_41825\_72724.jpg



Marker of petroleum pipeline unable to confirm permit--there are 3 gas line in desk study records for gas line but none for Kinder Morgan.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	0.87	Rating **	M	Issue No.	46 (cont)	
LM End	0.87	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.574732 °	38.574732 °	
				-121.580124 °	-121.580124 °	
DWR ID	17862					
Comment Code						
Inspector Comment						
FS_ID:41825						
DS_ID:17862						
EP_NO: 2444						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.						
FIELD_STRUCT_DESC: 16-inch high pressure steel gas line through the levee, 3.0 feet below the levee crown. (16-inch pipe authorized under Permit No. 2444, 1956 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_FA\_2018\_41825\_72723.jpg



Additional marker visible on landward side--unable to confirm if line is tied to other marker near levee shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	0.87	Rating **	M	Issue No.	47	
LM End	0.87	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.574732°	38.574732°	
				-121.580124°	-121.580124°	
DWR ID	17874					
Comment Code						
Inspector Comment						
FS_ID:41826 DS_ID:17874 EP_NO: 17739 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 20-inch petroleum pipeline across and under (bored) Willow Slough and its west levee, across (trenched) the Yolo bypass, and across and under (bored) toe drain and east levee. (20-inch pipe authorized under Permit No. 17739, 2004 - Paragon Partners Ltd.; name change authorized under Permit No. 17739-Rev, 2004 - SFPP, L.P., a Delaware Limited Partnership c/o Paragon Partners Ltd) FS Date: 10/5/2009						

LM Start	<b>0.87</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>0.87</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_41826\_72722.jpg



View of levee crown near marker.

Photo 2 of 3 : UCIP\_FA\_2018\_41826\_72721.jpg



Marker of petroleum pipeline unable to confirm permit--there are 3 gas line in desk study records for gas line but none for Kinder Morgan.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	0.87	Rating **	M	Issue No.	47 (cont)	
LM End	0.87	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.574732 °	38.574732 °	
				-121.580124 °	-121.580124 °	
DWR ID	17874					
Comment Code						
Inspector Comment						
FS_ID:41826 DS_ID:17874 EP_NO: 17739 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 20-inch petroleum pipeline across and under (bored) Willow Slough and its west levee, across (trenched) the Yolo bypass, and across and under (bored) toe drain and east levee. (20-inch pipe authorized under Permit No. 17739, 2004 - Paragon Partners Ltd.; name change authorized under Permit No. 17739-Rev, 2004 - SFPP, L.P., a Delaware Limited Partnership c/o Paragon Partners Ltd) FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_FA\_2018\_41826\_72720.jpg



View of additional marker visible on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	1.05	Rating **	M	Issue No.	48	
LM End	1.05	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572973 °	38.572973 °	
				-121.582230 °	-121.582230 °	
DWR ID	17861					
Comment Code						
Inspector Comment						
FS_ID:41824						
DS_ID:17861						
EP_NO: 11539						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.						
FIELD_STRUCT_DESC: 16-inch steel gas line through the levee, 3.5 feet below the levee crown. (16-inch pipe authorized under Permit No. 11539, 1977 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

LM Start	<b>1.05</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>1.05</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_41824\_72728.jpg



View of levee crown near marker visible on landward shoulder.

Photo 2 of 3 : UCIP\_FA\_2018\_41824\_72727.jpg



Marker of petroleum pipeline unable to confirm permit--there are 3 gas line in desk study records for gas line but none for Kinder Morgan.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	1.05	Rating **	M	Issue No.	48 (cont)	
LM End	1.05	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572973 °	38.572973 °	
				-121.582230 °	-121.582230 °	
DWR ID	17861					
Comment Code						
Inspector Comment						
FS_ID:41824						
DS_ID:17861						
EP_NO: 11539						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.						
FIELD_STRUCT_DESC: 16-inch steel gas line through the levee, 3.5 feet below the levee crown. (16-inch pipe authorized under Permit No. 11539, 1977 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_FA\_2018\_41824\_72726.jpg



View of additional marker visible on landward side.

LM Start	1.06	Rating **	M	Issue No.	49
LM End	1.06	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572859 °	38.572859 °
				-121.582225 °	-121.582225 °
DWR ID	17872				
Comment Code					
Inspector Comment					
FS_ID:37906 DS_ID:17872 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee at an unknown depth below the levee crown. Slide gate is located on waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (Station 3+90)] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	1.06	Rating **	M	Issue No.	50	
LM End	1.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572845 °	38.572845 °	
				-121.582224 °	-121.582224 °	
DWR ID	17873					
Comment Code						
Inspector Comment						
FS_ID:37907						
DS_ID:17873						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009.						
FIELD_STRUCT_DESC: 14-feet by 27-feet concrete box, no additional information is available on this structure. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (Station 3+90)]						
FS Date: 10/5/2009						

No Photos

LM Start	1.06	Rating **	M	Issue No.	51
LM End	1.06	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572813 °	38.572813 °
				-121.582221 °	-121.582221 °
DWR ID	17860				
Comment Code					
Inspector Comment					
FS_ID:37908 DS_ID:17860 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: *ABANDONED* 54-inch irrigation pipe through the levee, 30 feet below the levee crown. Slide gate in riser and pump platform are located on the waterside (WS). [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>1.06</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>1.06</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572773°	38.572773°
				-121.582219°	-121.582219°
DWR ID	17857				
Comment Code					
Inspector Comment					
FS_ID:37909 DS_ID:17857 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Causeway Pump House] 1 of 4. 30-inch steel pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

LM Start	<b>1.07</b>	Rating **	M	Issue No.	<b>53</b>
LM End	<b>1.07</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572746°	38.572746°
				-121.582218°	-121.582218°
DWR ID	17889				
Comment Code					
Inspector Comment					
FS_ID:37910 DS_ID:17889 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Causeway Pump House] 2 of 4. 30-inch steel pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>1.07</b>	Rating **	M	Issue No.	<b>54</b>
LM End	<b>1.07</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572627°	38.572627°
				-121.582214°	-121.582214°
DWR ID	17892				
Comment Code					
Inspector Comment					
FS_ID:37911 DS_ID:17892 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Causeway Pump House] 3 of 4. 30-inch steel pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

LM Start	<b>1.08</b>	Rating **	M	Issue No.	<b>55</b>
LM End	<b>1.08</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572607°	38.572607°
				-121.582215°	-121.582215°
DWR ID	17893				
Comment Code					
Inspector Comment					
FS_ID:37912 DS_ID:17893 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Causeway Pump House] 4 of 4. 30-inch steel pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	1.08	Rating **	M	Issue No.	56	
LM End	1.08	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.572587 °		38.572587 °
				-121.582213 °		-121.582213 °
DWR ID	17894					
Comment Code						
Inspector Comment						
FS_ID:37913 DS_ID:17894 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: *REMOVED* [Causeway Pump House] 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

No Photos

LM Start	1.08	Rating **	M	Issue No.	57
LM End	1.08	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572570 °	38.572570 °
				-121.582213 °	-121.582213 °
DWR ID	17895				
Comment Code					
Inspector Comment					
FS_ID:37914 DS_ID:17895 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: *REMOVED* [Causeway Pump House] 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (two 30-inch pipes and two 200-HP pumps, modify two existing 30-inch pipes, and replace two existing pipes with two 30-inch pipes authorized under Permit No. 16721, 1997 - Reclamation District No. 900 [RD0900]) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	1.11	Rating **	M	Issue No.	58	
LM End	1.11	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.572166 °	38.572166 °	
				-121.582200 °	-121.582200 °	
DWR ID	17859					
Comment Code						
Inspector Comment						
FS_ID:37915 DS_ID:17859 EP_NO: 2721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Drainage Pump Station] 1 of 2. 30-inch corrugated metal drainage pipe through the levee, 5.0 feet below the levee crown. Pump house and siphon breaker are located on the on the waterside (WS). (two 30-inch pipes at location 1 (drainage pump) and 36-inch pipe at location 2 (irrigation pump) authorized under Permit No. 2721 - Reclamation District No. 900 [RD0900]). [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

No Photos

LM Start	1.11	Rating **	M	Issue No.	59	
LM End	1.11	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.572166 °		38.572166 °
				-121.582200 °		-121.582200 °
DWR ID	17858					
Comment Code						
Inspector Comment						
FS_ID:37916 DS_ID:17858 EP_NO: 2721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: [Drainage Pump Station] 2 of 2. 30-inch corrugated metal drainage pipe through the levee, 5.0 feet below the levee crown. Pump house and siphon breaker are located on the on the waterside (WS). (two 30-inch pipes at location 1, HLM 1.05, (drainage pump) and 36-inch pipe at location 2, HLM 3.68, (irrigation pump) authorized under Permit No. 2721 - Reclamation District No. 900 [RD0900]). [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	1.31	Rating **	M	Issue No.	5
LM End	1.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569258 °	38.569258 °
				-121.582232 °	-121.582232 °
DWR ID	DWR_RD0900_02_s_2012_5				
Comment Code					
BU : Building					
Inspector Comment					
Abandoned city water well at the landward toe.					

Photo 1 of 1 : FA\_2018\_RD0900\_231\_5\_20180910\_00001.jpg



View of the water well on the landside toe of the levee looking upstream.

LM Start	3.23	Rating **	M	Issue No.	60
LM End	3.23	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541353 °	38.541353 °
				-121.582202 °	-121.582202 °
DWR ID	17885				
Comment Code					
Inspector Comment					
FS_ID:37770 DS_ID:17885 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 1 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009					

Photo 1 of 3 : UCIP\_FA\_2018\_37770\_68626.jpg



View of levee crown at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.23	Rating **	M	Issue No.	60 (cont)	
LM End	3.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.541353 °	38.541353 °	
				-121.582202 °	-121.582202 °	
DWR ID	17885					
Comment Code						
Inspector Comment						
FS_ID:37770 DS_ID:17885 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 1 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009						

LM Start	<b>3.23</b>	Rating **	M	Issue No.	<b>60 (cont)</b>
LM End	<b>3.23</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_37770\_68625.jpg



Pump station located on waterward side.

Photo 3 of 3 : UCIP\_FA\_2018\_37770\_68624.jpg



House structure located on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.23	Rating **	M	Issue No.	61	
LM End	3.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.541330 °		38.541330 °
				-121.582201 °		-121.582201 °
DWR ID	17876					
Comment Code						
Inspector Comment						
FS_ID:37766 DS_ID:17876 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 2 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009						

LM Start	<b>3.23</b>	Rating **	M	Issue No.	<b>61 (cont)</b>
LM End	<b>3.23</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_37766\_68620.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP\_FA\_2018\_37766\_68619.jpg



Concrete pad with pumps located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Levee Inspection Report By Mile - Fall 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.23	Rating **	M	Issue No.	61 (cont)	
LM End	3.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.541330 °	38.541330 °	
				-121.582201 °	-121.582201 °	
DWR ID	17876					
Comment Code						
Inspector Comment						
FS_ID:37766 DS_ID:17876 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 2 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009						



House structure located on landward side.

LM Start	3.23	Rating **	M	Issue No.	62
LM End	3.23	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541311 °	38.541311 °
				-121.582201 °	-121.582201 °
DWR ID	17888				
Comment Code					
Inspector Comment					
FS_ID:37778 DS_ID:17888 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 3 of 5. 12-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009					



View of levee crown at crossing.

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.23	Rating **	M	Issue No.	62 (cont)	
LM End	3.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.541311 °	38.541311 °	
				-121.582201 °	-121.582201 °	
DWR ID	17888					
Comment Code						
Inspector Comment						
FS_ID:37778 DS_ID:17888 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 3 of 5. 12-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009						

LM Start	<b>3.23</b>	Rating **	M	Issue No.	<b>62 (cont)</b>
LM End	<b>3.23</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_37778\_68649.jpg



Pump station located on landward side.

Photo 3 of 3 : UCIP\_FA\_2018\_37778\_68648.jpg



House structure located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.24	Rating **	M	Issue No.	63	
LM End	3.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.541290 °		38.541290 °
				-121.582201 °		-121.582201 °
DWR ID	17887					
Comment Code						
Inspector Comment						
FS_ID:37780 DS_ID:17887 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 4 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009						

LM Start	<b>3.24</b>	Rating **	M	Issue No.	<b>63 (cont)</b>
LM End	<b>3.24</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_37780\_68662.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP\_FA\_2018\_37780\_68661.jpg



Pump station located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.24	Rating **	M	Issue No.	63 (cont)	
LM End	3.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.541290 °	38.541290 °	
				-121.582201 °	-121.582201 °	
DWR ID	17887					
Comment Code						
Inspector Comment						
FS_ID:37780 DS_ID:17887 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 4 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_FA\_2018\_37780\_68660.jpg



Structure located next to pump station visible on landward side.

LM Start	3.24	Rating **	M	Issue No.	64
LM End	3.24	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541265 °	38.541265 °
				-121.582200 °	-121.582200 °
DWR ID	17886				
Comment Code					
Inspector Comment					
FS_ID:37781 DS_ID:17886 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 5 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009					

Photo 1 of 3 : UCIP\_FA\_2018\_37781\_68676.jpg



View of levee crown at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.24	Rating **	M	Issue No.	64 (cont)	
LM End	3.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.541265 °		38.541265 °
				-121.582200 °		-121.582200 °
DWR ID	17886					
Comment Code						
Inspector Comment						
FS_ID:37781 DS_ID:17886 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: [Southport Business Park Storm Water Pump Station] 5 of 5. 30-inch steel drainage pipe through the levee, 2 feet below the levee crown. (12-inch pipe and four 30-inch pipes authorized under Permit No. 17070, 2000 - Reclamation District No. 900) FS Date: 10/5/2009						

LM Start	<b>3.24</b>	Rating **	M	Issue No.	<b>64 (cont)</b>
LM End	<b>3.24</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_37781\_68675.jpg



Pump station located on landward side, photo 1 of 2.

Photo 3 of 3 : UCIP\_FA\_2018\_37781\_68674.jpg



Pump station located on landward side, photo 2 of 2.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.26	Rating **	M	Issue No.	65	
LM End	3.26	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.540959 °	38.540959 °	
				-121.582224 °	-121.582224 °	
DWR ID	17856					
Comment Code						
Inspector Comment						
FS_ID:37785 DS_ID:17856 EP_NO: 2721A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner--crossing appears to no longer be in use. Abandoned pipe sections visible on landward side and damage to pump station on waterward side. FIELD_STRUCT_DESC: [Drainage Pump Station] 36-inch corrugated metal irrigation pipe through the levee, 3.0 feet below the levee crown. Pump house and siphon breaker are located on the on the waterside (WS). (two 30-inch pipes at location 1, HLM 1.05, (drainage pump) and 36-inch pipe at location 2, HLM 3.68, (irrigation pump) authorized under Permit No. 2721A - Reclamation District No. 900 [RD0900]). [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

LM Start	<b>3.26</b>	Rating **	M	Issue No.	<b>65 (cont)</b>
LM End	<b>3.26</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_37785\_68693.jpg



View of pipe sections visible on landward side.

Photo 2 of 3 : UCIP\_FA\_2018\_37785\_68692.jpg



Concrete outlet visible on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.26	Rating **	M	Issue No.	65 (cont)	
LM End	3.26	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.540959 °	38.540959 °	
				-121.582224 °	-121.582224 °	
DWR ID	17856					
Comment Code						
Inspector Comment						
FS_ID:37785 DS_ID:17856 EP_NO: 2721A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner--crossing appears to no longer be in use. Abandoned pipe sections visible on landward side and damage to pump station on waterward side. FIELD_STRUCT_DESC: [Drainage Pump Station] 36-inch corrugated metal irrigation pipe through the levee, 3.0 feet below the levee crown. Pump house and siphon breaker are located on the on the waterside (WS). (two 30-inch pipes at location 1, HLM 1.05, (drainage pump) and 36-inch pipe at location 2, HLM 3.68, (irrigation pump) authorized under Permit No. 2721A - Reclamation District No. 900 [RD0900]). [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_FA\_2018\_37785\_68691.jpg



View of pump house visible on waterward side.

LM Start	3.26	Rating **	M	Issue No.	15
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.540943 °	38.540943 °
				-121.582280 °	-121.582280 °
DWR ID	DWR_RD0900_02_s_2012_15				
Comment Code					
PI : Pipe					
Inspector Comment					
Abandoned pipe remains on levee slope.					

Photo 1 of 1 : FA\_2018\_RD0900\_231\_15\_20180910\_00002.jpg



Abandoned pipes and debris was found on the landside of the levee looking upstream.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.26	Rating **	A/W	Issue No.	40
LM End	5.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.540928 °	38.508969 °
				-121.581936 °	-121.581681 °
DWR ID	DWR_RD0900_02_f_2017_40				

**Comment Code**

**Inspector Comment**

**Levee Evaluation Comments**

**Description:**

Site ID No:198

Site Designation:RD 900-01

Repair Type: Erosion

Rating:Serious

Field Date:6/6/2017

Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.

LM Start	<b>3.26</b>	Rating **	A/W	Issue No.	<b>40 (cont)</b>
LM End	<b>5.47</b>	Issue Type +	Ma	Location *	

Photo 1 of 8 : FA\_2018\_RD0900\_231\_40\_20181022\_00052.jpg



View of repaired slope instability site. Fall 2018

Photo 2 of 8 : LEVAL\_FA\_2018\_198\_189.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)	
LM End	5.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.540928 °	38.508969 °	
				-121.581936 °	-121.581681 °	
DWR ID	DWR_RD0900_02_f_2017_40					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:198						
Site Designation:RD 900-01						
Repair Type: Erosion						
Rating:Serious						
Field Date:6/6/2017						
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.						

Photo 3 of 8 : LEVAL\_FA\_2018\_198\_190.jpg



LM Start	<b>3.26</b>	Rating **	A/W	Issue No.	<b>40 (cont)</b>
LM End	<b>5.47</b>	Issue Type +	Ma	Location *	

Photo 4 of 8 : LEVAL\_FA\_2018\_198\_197.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)	
LM End	5.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.540928 °		38.508969 °
				-121.581936 °		-121.581681 °
DWR ID	DWR_RD0900_02_f_2017_40					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:198						
Site Designation:RD 900-01						
Repair Type: Erosion						
Rating:Serious						
Field Date:6/6/2017						
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.						

LM Start	<b>3.26</b>	Rating **	A/W	Issue No.	<b>40 (cont)</b>
LM End	<b>5.47</b>	Issue Type +	Ma	Location *	

Photo 5 of 8 : FA\_2018\_RD0900\_231\_40\_20180910\_00006.jpg



View of the repaired slope instability site on the landside slope of the levee looking upstream on levee mile 5.26 (38.511915, -121.582167).  
Fall 2017

Photo 6 of 8 : FA\_2018\_RD0900\_231\_40\_20180910\_00007.jpg



View of the repaired slope instability site on the landside slope of the levee looking downstream on levee mile 5.26 (38.511915, -121.582167).  
Fall 2017

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)	
LM End	5.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.540928 °	38.508969 °	
				-121.581936 °	-121.581681 °	
DWR ID	DWR_RD0900_02_f_2017_40					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:198						
Site Designation:RD 900-01						
Repair Type: Erosion						
Rating:Serious						
Field Date:6/6/2017						
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.						

LM Start	<b>3.26</b>	Rating **	A/W	Issue No.	<b>40 (cont)</b>
LM End	<b>5.47</b>	Issue Type +	Ma	Location *	

Photo 7 of 8 : FA\_2018\_RD0900\_231\_40\_20180910\_00008.jpg



View of a repaired slope instability site on the landside of the levee looking upstream on levee mile 4.63 (38.52111, -121.582148). Fall 2017

Photo 8 of 8 : FA\_2018\_RD0900\_231\_40\_20180910\_00009.jpg



View of a repaired slope instability site on the landside of the levee looking downstream on levee mile 4.63 (38.52111, -121.582148). Fall 2017

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	4.96	Rating **	M	Issue No.	66	
LM End	4.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516274 °	38.516274 °	
				-121.582198 °	-121.582198 °	
DWR ID	17880					
Comment Code						
Inspector Comment						
FS_ID:37890 DS_ID:17880 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 1 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

LM Start	<b>4.96</b>	Rating **	M	Issue No.	<b>66 (cont)</b>
LM End	<b>4.96</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_37890\_68941.jpg



Construction of structures in Oct-2009, photo 1 of 3.

Photo 2 of 3 : UCIP\_FA\_2018\_37890\_68940.jpg



Construction of structures in Oct-2009, photo 2 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	4.96	Rating **	M	Issue No.	66 (cont)	
LM End	4.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516274 °	38.516274 °	
				-121.582198 °	-121.582198 °	
DWR ID	17880					
Comment Code						
Inspector Comment						
FS_ID:37890 DS_ID:17880 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 1 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_FA\_2018\_37890\_68939.jpg



Construction of structures in Oct-2009, photo 3 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	4.96	Rating **	M	Issue No.	67	
LM End	4.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516225°	38.516225°	
				-121.582194°	-121.582194°	
DWR ID	17881					
Comment Code						
Inspector Comment						
FS_ID:37891 DS_ID:17881 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 2 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

LM Start	<b>4.96</b>	Rating **	M	Issue No.	<b>67 (cont)</b>
LM End	<b>4.96</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_37891\_68944.jpg



Construction of structures in Oct-2009, photo 1 of 3.

Photo 2 of 3 : UCIP\_FA\_2018\_37891\_68943.jpg



Construction of structures in Oct-2009, photo 2 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	4.96	Rating **	M	Issue No.	67 (cont)	
LM End	4.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516225 °	38.516225 °	
				-121.582194 °	-121.582194 °	
DWR ID	17881					
Comment Code						
Inspector Comment						
FS_ID:37891 DS_ID:17881 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 2 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_FA\_2018\_37891\_68942.jpg



Construction of structures in Oct-2009, photo 3 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	4.97	Rating **	M	Issue No.	68	
LM End	4.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516175 °	38.516175 °	
				-121.582191 °	-121.582191 °	
DWR ID	17882					
Comment Code						
Inspector Comment						
FS_ID:37892						
DS_ID:17882						
EP_NO: 18116						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure.						
FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 3 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

LM Start	<b>4.97</b>	Rating **	M	Issue No.	<b>68 (cont)</b>
LM End	<b>4.97</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_37892\_68947.jpg



Construction of structures in Oct-2009, photo 1 of 3.

Photo 2 of 3 : UCIP\_FA\_2018\_37892\_68946.jpg



Construction of structures in Oct-2009, photo 2 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	4.97	Rating **	M	Issue No.	68 (cont)	
LM End	4.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516175 °	38.516175 °	
				-121.582191 °	-121.582191 °	
DWR ID	17882					
Comment Code						
Inspector Comment						
FS_ID:37892						
DS_ID:17882						
EP_NO: 18116						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure.						
FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 3 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003]						
FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_FA\_2018\_37892\_68945.jpg



Construction of structures in Oct-2009, photo 3 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	4.97	Rating **	M	Issue No.	69	
LM End	4.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516141 °	38.516141 °	
				-121.582189 °	-121.582189 °	
DWR ID	17883					
Comment Code						
Inspector Comment						
FS_ID:37894 DS_ID:17883 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 4 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

LM Start	<b>4.97</b>	Rating **	M	Issue No.	<b>69 (cont)</b>
LM End	<b>4.97</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_37894\_68953.jpg



Construction of structures in Oct-2009, photo 1 of 3.

Photo 2 of 3 : UCIP\_FA\_2018\_37894\_68952.jpg



Construction of structures in Oct-2009, photo 2 of 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	4.97	Rating **	M	Issue No.	69 (cont)	
LM End	4.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.516141 °	38.516141 °	
				-121.582189 °	-121.582189 °	
DWR ID	17883					
Comment Code						
Inspector Comment						
FS_ID:37894 DS_ID:17883 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: [West Sacramento Main Darin Pump Station] 4 of 4. 54-inch steel drainage pipe through the levee, 12.9 feet below the crown. Pump house is located on the landside (LS) and siphon breaker is located on the waterside (WS) slope. (four 54-inch pipes authorized under Permit No. 18116, 2007 - Reclamation District No. 900 [RD0900]; existing dual 48-inch pipes (60-inch pipes referenced in permit) removed; dual 48-inch pipes authorized under Permit No. 4257, 4257-A, 1963 - RD0900) [Additional Reference(s): DWR Levee Log, 2003] FS Date: 10/5/2009						

Photo 3 of 3 : UCIP\_FA\_2018\_37894\_68951.jpg



Construction of structures in Oct-2009, photo 3 of 3.

LM Start	5.01	Rating **	M	Issue No.	20
LM End	5.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515519 °	38.515519 °
				-121.582185 °	-121.582185 °
DWR ID	DWR_RD0900_02_s_2012_20				
Comment Code					
PO : Pole					
Inspector Comment					
2 power poles in the levee toe supplying power to the district pumping plant.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>5.04</b>	Rating **	C	Issue No.	<b>45</b>
LM End	<b>5.04</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.515091°	38.515091°	
			-121.582178°	-121.582178°	
DWR ID	DWR_RD0900_02_f_2016_45				
Comment Code					
DE : Debris					
Inspector Comment					
Debris has been cleared.					

No Photos

LM Start	<b>5.05</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>5.05</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.514929°	38.514929°	
			-121.582163°	-121.582163°	
DWR ID	DWR_RD0900_02_s_2012_21				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	<b>5.09</b>	Rating **	M	Issue No.	<b>22</b>
LM End	<b>5.09</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.514384°	38.514384°	
			-121.582113°	-121.582113°	
DWR ID	DWR_RD0900_02_s_2012_22				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>5.14</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>5.14</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.513621°	38.513621°	
			-121.582144°	-121.582144°	
DWR ID	DWR_RD0900_02_s_2012_23				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	<b>5.19</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>5.19</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.512905°	38.512905°	
			-121.582124°	-121.582124°	
DWR ID	DWR_RD0900_02_s_2012_24				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	<b>5.26</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>5.26</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.511972°	38.511972°	
			-121.582071°	-121.582071°	
DWR ID	DWR_RD0900_02_s_2012_25				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>5.32</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>5.32</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.511066°	38.511066°	
			-121.582141°	-121.582141°	
DWR ID	DWR_RD0900_02_s_2012_26				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	<b>5.44</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>5.44</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.509284°	38.509284°	
			-121.582130°	-121.582130°	
DWR ID	DWR_RD0900_02_s_2012_28				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	<b>5.45</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>5.45</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.509217°	38.509217°	
			-121.582140°	-121.582140°	
DWR ID	DWR_RD0900_02_f_2018_27				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair desiccation cracks on levee slope.					

Photo 1 of 1 : FA\_2018\_RD0900\_231\_27\_20181022\_00053.jpg



View of desiccation cracks on levee. Fall 2018

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>5.51</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>5.51</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.508378°	38.508378°	
			-121.582153°	-121.582153°	
DWR ID	DWR_RD0900_02_s_2012_29				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	<b>5.57</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>5.57</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.507460°	38.507460°	
			-121.582132°	-121.582132°	
DWR ID	DWR_RD0900_02_s_2012_30				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	<b>5.63</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>5.63</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.506586°	38.506586°	
			-121.582130°	-121.582130°	
DWR ID	DWR_RD0900_02_s_2012_31				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/18/2018 10/18/2018	Luz Dial

LM Start	<b>5.69</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>5.69</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.505643°	38.505643°	
			-121.582159°	-121.582159°	
DWR ID	DWR_RD0900_02_s_2012_32				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee shoulder supplying power to the district pumping plant.					

No Photos

**\* Location**  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

**\*\* Rating**  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement